



*".... So you're an
arc welder now!"*

*"You bet!
This new Lincoln arc welder
is the best tool I ever bought,
it's paid for itself already!"*

with a **LINCOLN 180 amp AC SHOP WELDER** you can . . .

- **Do a greater variety of work**
- **Get jobs done faster**
- **Build more quality into your work**
- **Do your own arc welding**

here's how

LINCOLN 180 amp AC arc welder

MODEL AC-180-S

STANDARD ACCESSORIES—

Each of these comes with the machine.

Electrode Holder—Electrodes and carbons can be accommodated from $\frac{1}{16}$ " to $\frac{1}{4}$ " diameter. The holder, rated at 300 amperes, is fully insulated and designed especially for balance and light weight.

Electrodes—Samples of electrodes for this welder are furnished complete with instructions as to their proper use.

Ground Clamp—A rugged and easy-to-use ground clamp always makes a perfect connection. It is rated at 300 amperes. The $2\frac{3}{4}$ " jaw spread is ample for all occasions.

Head Shield—A "high-visibility" welding lens and non-spatter cover glass is provided for the weldor's protection. It is lightweight.

Cables—The long electrode and ground cables come attached to the welder. The electrode cable is 20 feet long and the ground cable is 15 feet long.

Input Cable and Wall Outlet—A 6-foot cable is standard for power source use. The cable is equipped with a molded rubber plug and a standard stove receptacle (female) box.

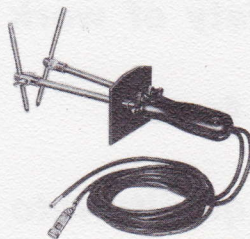


OPTIONAL ACCESSORIES—

(at slight additional price)

Arc Torch—A rugged and durable accessory for hardsurfacing when used with "Surfaceweld" powder. The torch can also be used for brazing and soldering thin metals and wire. When set for the proper amount of current, the heat available can be used for bending.

Undercarriage—This welder can be made still more portable with the use of an easily mounted, two-wheel undercarriage. Five-inch solid rubber tires permit the welder to be moved to the work with minimum difficulty, even when floors are uneven.



HERE'S WHAT THE LINCOLN AC-180-S CAN DO . . .

Primarily, it's a welder—the best 180 amp machine available. But it's a versatile little giant too. Use it to:

- **Cut out parts**
- **Heat steel for easy bending**
- **Braze or solder joints**
- **Hardsurface worn parts**
- **Pierce holes**
- **Thaw frozen pipes**

...AND HERE'S HOW YOU CAN MAKE MONEY WITH IT!!!

Do Profitable Repair Work—From bicycles to tractor-trailers, wire baskets to conveyors, and from chisels to power shears, this LINCOLN AC-180-S can weld anything that breaks—and do it quickly and easily. And, in addition, you can keep your own equipment in good repair with this handy welder around.

Make Money as a Fabricator—Ornamental iron shapes, structural shapes, pipe, angles and steel plate—all are source materials for metal fabrication. By themselves they are of little value, but welded fabrication quickly makes them useful and valuable. You can make decorative iron work, duct work, tools and scores of other profitable items with your LINCOLN AC-180-S ARC WELDER.

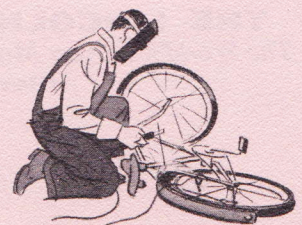
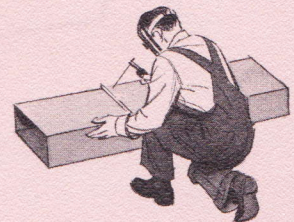
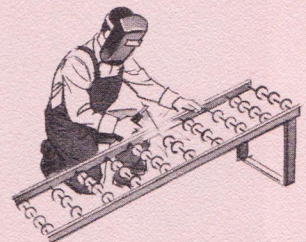
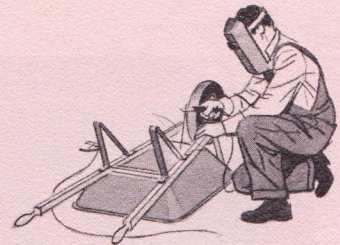
Do Your Own Maintenance Welding—Be “Johnny on the spot” to repair broken equipment and put it back into operation. Build special equipment to make production easier and more efficient.

REMEMBER, THIS LINCOLN WELDER IS—

Easy to operate—One simple dial control, conveniently located, gives any desired range of current selection (Welding Heat). Accurate heat for every job is selected by merely flipping the dial on the front of the welder for the current you want. There are twelve dial positions, which range from 30 to 180 amperes. No cranking is required to get from minimum to maximum.

Built to Last—This welder is rugged and is built for many trouble-free years of service. Its durability is built-in. Features such as its extra insulation, weather-proofing, and vermin-proofing, condenserless construction, positive cable connections, ample cooling and quiet operation, assure long, trouble-free life.

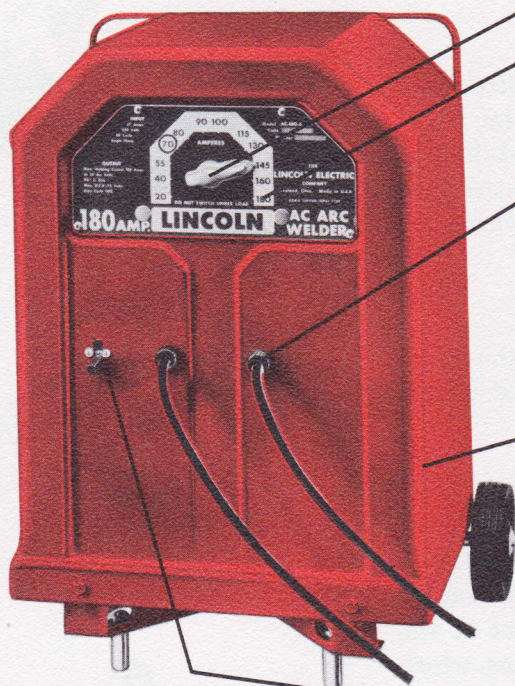
Economical To Own—In addition to the low, low price, the average cost of operating the AC-180-S is only 3 to 5 cents an hour. It requires no special wiring—just plug it in to a standard 230-volt circuit and throw the switch.



**"But that low price?
I thought LINCOLN arc welders were the best!"**

"They are the best. Made on the same assembly lines as their larger industrial counterparts, Lincoln arc welders set the standards of quality the world-over. Only Lincoln's incentive-inspired, high-volume production makes possible the unusually low price you pay for a Lincoln welder.

"For proof of quality, check the features below. Better yet, try the machine yourself at your nearest Lincoln dealer. We're sure you'll be pleased."



SPECIFICATIONS

Model	AC-180-S		
Type	K-1137 *		
N.E.M.A. Rating:		UNDERWRITER LABORATORY APPROVED	
Current/amps	180		
Current Range/amps	30-180	Overall Dimensions:	
Volts	25	Height	24½"
Duty cycle/per cent		Width	17"
70 amp. setting	100	Depth	13⅝"
All other settings	20	Weight:	
Open Circuit Voltage		Net	120 lbs.
Range:	44-75	Shipping, Domestic	132 lbs.
Input Power:		Shipping, Export	202 lbs.
Voltage	230 or 208		
Phase	1		
Cycles	60 *		
Current-Rated			
Load/amps	37		
Current-Idle/amps	2.4		

* Also available in 50 cycle model,
type K-1141.

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FEATURES

Operation: One simple, convenient current control.

Current Range: 30 to 180 amperes

Full Current: 180 ampere output with line voltages of only 208 volts.

Protected Terminals: Output terminal connections are inside case. They are accessible though through the back panel. They cannot pull out.

Easy to Install: It is only necessary to run wires to box from nearest 230-volt line.

Vermin-Proof: Screened cabinet openings protect internal parts.

Weather-Proof: Insulating varnish protects electrical parts against moisture. Louvers allow air circulation but prevent rain from entering cabinet.

Arc Stability: Exceptionally steady arc

Operating Cost: 3 to 5 cents of electricity per hour.

Portable: Easy to handle. It has convenient handles and weighs only 113 pounds including standard accessories.

On-Off Switch: Power plug does not have to be pulled to shut off machine.

Storage Bin: Electrodes and accessories can be stored in a handy space in the rear of the welder cabinet.

Remember, the Lincoln Arc Welder is built and guaranteed by

THE LINCOLN ELECTRIC COMPANY
The World's Largest Manufacturer of Arc Welding Equipment
Cleveland 17, Ohio

LINCOLN
...USA